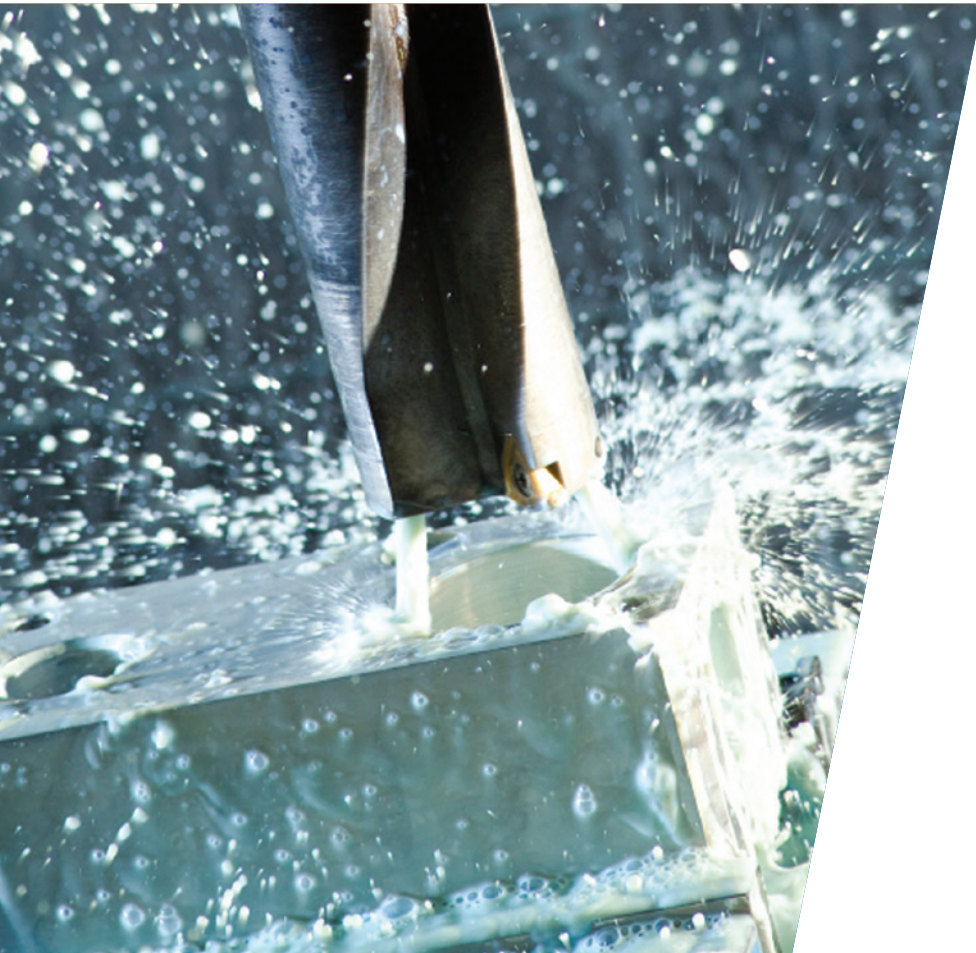


No Formaldehyde-Releasing Biocides

Chemetall offers Tech Cool® metalworking fluids that provide high performance without the use of formaldehyde-releasing triazine-type biocides. The U.S. Department of Health and Human Services' National Toxicology Program (NTP) has classified formaldehyde as a known human carcinogen. Triazine, a commonly used bactericide in metalworking fluids, releases formaldehyde into machining fluid sumps and systems.

Proven **GREEN** Technology



Advantages of Chemetall Tech Cool® Semi-Synthetic Metalworking Fluids

- Bactericide free
- DCHA free
- Enhanced lubricity
- Increased corrosion control
- Exceptional emulsion stability
- High detergency
- Low foaming
- Tramp oil rejection
- Longer, odor-free sump life
- Drier chips
- Recyclable for reduced consumption

Chemetall
expect more⁺

Chemetall is proud to offer the following Semi-Synthetic Fluids free of Formaldehyde-Releasing Biocide:

<p>Tech Cool® 35200</p> <ul style="list-style-type: none"> ■ Premium oil semi-synthetic coolant ■ Excellent staining protection ■ Effective on general machining applications for multi-metal systems ■ Excellent performance on: <ul style="list-style-type: none"> ○ Cast iron substrates ○ Steel ○ Non ferrous metals 	<p>Tech Cool® 35048</p> <ul style="list-style-type: none"> ■ Premium high oil semi-synthetic coolant ■ Effective on most metal removal operations ■ Specially formulated for high speed, high pressure applications on: <ul style="list-style-type: none"> ○ Aluminum ○ Ferrous metals ○ Non ferrous metals 	<p>Tech Cool® 35052</p> <ul style="list-style-type: none"> ■ Premium EP-modified high oil semi-synthetic coolant ■ Provides exceptional machining performance on the most challenging aerospace substrates and operations, including: <ul style="list-style-type: none"> ○ Titanium ○ High nickel alloys ○ Aluminum ○ Steel ○ Alloy steels 	<p>Tech Cool® 35052CF</p> <ul style="list-style-type: none"> ■ Premium chlorine free high oil semi-synthetic coolant ■ Exceptional lubricity for the most challenging operations and substrates, without the use of EP ■ Ideal for use on all substrates, including exotic alloys
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Products	Application	EP Properties	Concentration	pH	Metals
Tech Cool® 35200	Light to Medium Duty	Non-Chlorinated	5–12%	8.7–9.3	<ul style="list-style-type: none"> ■ Cast Iron ■ Steel ■ Copper and Brass
Tech Cool® 35048	Medium to Heavy duty	Non-Chlorinated	5–12%	8.7–9.3	<ul style="list-style-type: none"> ■ Aluminum ■ Ferrous ■ Non Ferrous
Tech Cool® 35052	Medium to Heavy duty	Chlorinated	5–12%	8.7–9.3	<ul style="list-style-type: none"> ■ Alloy Steels ■ Aluminum ■ High Nickel Alloys ■ Titanium
Tech Cool® 35052CF	Medium to Heavy duty	Non-Chlorinated	5–12%	8.7–9.3	<ul style="list-style-type: none"> ■ Alloy Steels ■ Aluminum ■ High Nickel Alloys ■ Titanium

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